

Introduction to Telehealth

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Office Hours	Tue-Wed-Thurs from 8:00 AM – 12:00 PM AKT (please feel free to email me outside of office hours)		
Course Start Date	8/25/2014	Course End Date	12/13/2014

Course description: This course provides student an overview of telehealth concepts, terms and applications. Students will also examine and discuss issues affecting the adoption of telehealth in today's health care environment. The course is delivered online and has structured assignments and live sessions (See Course requirements for more information).

Significance of the course within the Allied Health Program: Telehealth, or the use of communication technologies to deliver a variety of health care services, is becoming common place in our health care system. Allied health occupations can benefit from a basic understanding of this technology, its impact on care delivery and its impact on the roles and responsibilities of health care providers.

Learning objectives:

By the end of this course, you will:

1. Recognize and differentiate key telehealth terms, concepts and applications
2. Identify available telehealth technologies and the role they play in healthcare delivery
3. Describe the various occupational roles associated with the development and operation of a telehealth program
4. Identify challenges affecting telehealth programs and discuss measures taken to mitigate these challenges
5. Critique key regulatory, confidentiality and reimbursement issues that affect telehealth programs
6. Identify risk management issues associated with telehealth programs
7. Describe how telehealth could be utilized as a system for delivery of health care in their organization/region
8. Identify telehealth program development resources available in their local area and online
9. Discuss key factors in the development of successful telehealth programs.

Course Requirements

Modular Format

The course content is broken into 9 modules. Each module will have assigned reading material, discussion board assignments and a quiz. These are explained further in the following paragraphs.

Assigned Readings and Supplemental Resources

Each module contains assigned readings. Supplemental materials are also listed to guide you in further exploration of the topics being studied.

Online Discussion Assignments

Online discussions afford you a forum for intellectually engaging other participants in critical analysis and discussion of weekly topics. They provide an opportunity for discussions as directed and moderated by the instructor. Online discussion assignments may include case studies, commenting on assigned reading materials, responding to posted materials and other topics as noted in the module overview. Expected interaction includes posting responses to peer postings according to the module objectives.

Recorded Session Materials

Each module within the course includes a recorded presentation for you to view. These presentations augment the reading material in each module.

Live Conference

Live sessions are conducted during the course to present additional information on the modules being studied. The live sessions also provide you the opportunity to interact with the entire group in a synchronous environment. All live sessions are moderated by an instructor and you are expected to attend all live sessions. A recording of the live session will be available for viewing if you are unable to attend a session or wish to go back and review a session.

Current Events

About every other week students will post an article pertaining to a current telehealth event or activity and share their thoughts on another students post (6 articles total).

Quizzes

Each module will have a quiz to help you review the key concepts covered.

Final Class Project

The final class project is intended to provide you an opportunity to draw on what you've learned in the course modules, live sessions and discussion boards to imagine what telehealth might look like in the next 5-7 years. Instructions can be found in the Final Project module folder.

Optional Reference Materials and Text Books

Introduction to Telemedicine, 2nd edition, by Richard Wootton, Et.al.

Implementing Telemedicine; completing projects on target on time on budget, by Robert Culver, Et.al.

Course Schedule for Live Sessions

(All sessions conducted at 12:00 noon Alaska Time)

8/30 Introduction Session-Course schedule and History of Telehealth-Labor Day Weekend*

9/06 Terminology, Concepts & Applications

9/13 Telemedicine Applications-Specialty Services

9/20 Telemedicine Applications-Remote Monitoring, Mobile Apps

9/27 Occupational Roles

10/04 Issues Affecting Telehealth Programs-Technical

10/11 Issues Affecting Telehealth Programs-Regulatory

10/18 Issues Affecting Telehealth Programs-Professional

10/25 Issues Affecting Telehealth Programs-Organizational

11/01 Issues Affecting Telehealth Programs-Human Factors

11/08 Risk Management

11/15 Strategies for Success

11/22 Telehealth Today-Locally

11/29 Telehealth Today-Nationally- Turkey Day Break*

12/06 Future Directions for Telehealth

12/13 Class Ideas for the Future of Telehealth

* No live session but there is a recorded session and assignment to complete over the weekend.

Assignment Due Dates

All module assignments must be completed and turned in no later than midnight (AK Time) on the dates listed in the module overview (Found on the Blackboard Course Site).

Grading

You will be evaluated according to the quality and comprehensiveness of all assignments submitted and participation in online discussions. Late submission of assignments must be prearranged with the instructor to receive credit. The course grade is based on the following table:

A	540 points or more
B	480-539 points
C	420-479 points
D	360-419 points
F	359 points or less

Grading (continued)

Course work is broken down into the following areas listed in the table below:

Module assignments (8)	160 points
Article Reviews (6)	120 points
Discussion Board responses (15)	150 points
Quizzes	100 points
Final Project	70 points
Total	600 points

- You can receive up to 20 points for completing and posting the module assignment
- You can receive up to 20 points for completing and posting your article review
- You can receive up to 10 points for an assigned online discussion response
- You can receive up to 70 points for the final course project

Quizzes are a key aspect of the module and provide a summary of the course material. They are scored as a single final grade (complete = 100 or incomplete = 0). Students are allowed multiple attempts at quizzes and must achieve 100% on all quizzes to get credit for the quiz points.

You will not receive credit for a discussion post or response post that does not address the question and/or problem(s) posed.

You are expected to attend the live sessions or watch the recording.

Final course work grades will be available in accordance with University policy. Access to our Blackboard Classroom will be available until 12/27/2014.

Resources:

- University of Alaska Blackboard Learn
- Elluminate Live virtual classroom
- Internet access
- Web Camera, microphone & speakers (headset is preferred)
- Video player (for MP4 recording, e.g. Windows Media Player)